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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant : Toyserkani et al.  
Appl. No. : 10/697,552  
Filed : 10/31/2003  
Title : SYSTEM AND METHOD FOR CLOSED-LOOP CONTROL OF LASER  
CLADDING BY POWDER INJECTION  
Grp./A.U. : 2125  
Examiner :  
  
Docket No.: 14508

Honorable Assistant Commissioner of Patents  
Alexandria, VA 22313-1450

Sir:

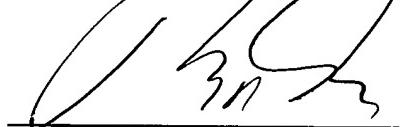
**PTO CUSTOMER NO. 000293**

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

In accordance with 37 C.F.R., §§ 1.97-1.99, applicant submits the following information which may be of interest to the examiner in charge of the above referenced application for patent. Only copies of the non-US references listed on the attached Form PTO-1449 are attached.

Respectfully submitted,

DOWELL & DOWELL, P.C.



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Date: May 13, 2004

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FORM PTO-1449  
(Rev. 7-80)U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICE

Atty. Docket No. 14508

Serial No.  
10/697,552

## LIST OF PRIOR ART CITED BY APPLICANT

(Use several sheets if necessary)

APPLICANT Toyserkani et al.

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PCT

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U.S. PATENT DOCUMENT

LIST OF PRIOR ART CITED BY APPLICANT  
(Use several sheets if necessary)

APPLICANT Toyserkani et al.

FILING DATE 10/31/2003 GROUP 2125

DOCUMENT NUMBER

DATE

NAME

CLASS

SUBCLASS

FILING DATE  
IF  
APPROPRIATE

AA

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Aoki

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keicher

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121.64

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER

DATE

COUNTRY

CLASS

SUBCLASS

TRANSLATION

YES NO

AD

## OTHER PRIOR ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AE

Mazumder et al., CLOSED LOOP DIRECT METAL DEPOSITION: ART TO PART, Optics and lasers Engineering, 34 (2000) 397-414

AF

Xue et al., LASER CONSOLIDATION FOR THE MANUFACTURING OF COMPLEX FLEXTENSIONAL TRANSDUCER SHELLS, pps. 702-711

AG

Kinsman et al., FUZZY LOGIC CONTROL OF CO<sub>2</sub> LASER WELDING, ICALEO (1993) pps. 160-167

AH

Meriaudeau et al., IMAGE PROCESSING APPLIED TO LASER CLADDING PROCESS, SPIE Vol. 2789 pps. 93-103

AI

Choi et al., ADAPTIVE LASER AIDED DMD (DIRECT METAL DEPOSITION) PROCESS CONTROL, pps. 730-739

AJ

Jeng et al., METAL RAPID PROTOTYPE FABRICATION USING SELECTIVE LASER CLADDING TECHNOLOGY, Advanced Manufacturing Technology, J AdV Manuf Technol (2002) 16, 681-687

EXAMINER

DATE CONSIDERED

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 602; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.